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RECORD

Washington
WASHINGTON UNIVERSITY IN ST. LOUIS

Vol. 13 No. 15/Dec. 15, 1988



1989 curtain raiser: The Peking Opera's first North American tour includes two performances at Edison Theatre. Some 50 performers, along with a nine-member orchestra, will sing, dance, tumble and juggle in a stylized drama to be presented at 8 p.m. Jan. 20 and 21. For more information on Edison's special event, see story on page 2.

Establishing relations

Mitsubishi Kasei's largest single gift in U.S. goes to University

Mitsubishi Kasei Corp., Tokyo, has announced a \$500,000 gift to Washington University.

Mitsubishi Kasei Corp. has a wholly-owned subsidiary, Western Lithotech Co., which is headquartered in St. Louis and has additional plants in Springfield, Mo., and Jacksonville, Texas.

The Mitsubishi Kasei Corp. is the largest company of its kind in Japan, and one of the world's largest chemical companies.

Chancellor William H. Danforth said the gift will be applied to Arts and Sciences and specifically for research space to be occupied by the Department of Biology in a new science building currently being planned. The proposed 78,000-square foot building will cost over \$20 million and will be shared with the Department of Earth and Planetary Sciences.

The \$500,000 check was presented to Danforth on Dec. 6 by Sanae Ono, president, Mitsubishi Kasei America, White Plains, New York, and Nobuyuki Tanaka, executive vice president, Western Lithotech, St. Louis.

According to Ono, this is Mitsubishi Kasei's largest single gift in the United States. It represents a concerted effort by the company to establish relations with the communities in which they have facilities.

"Mitsubishi Kasei acquired Western Lithotech because of its great potential in the graphic arts industry and we expect expansion of the company in the immediate future," Tanaka said.

Danforth said, "Washington University is best known for its strength in biology and biomedical sciences, and the gift comes at an appropriate time to facilitate expansion and research in the Department of Biology. I would like to say that no support could have a greater impact on Washington University at this time. The fact that the gift is coming from

one of the world's front-rank corporations will make the support especially noteworthy, and we propose to name a laboratory for Mitsubishi Kasei in the new building in honor of the gift. I could not be more grateful."

Danforth presented Ono and Tanaka with a proclamation from the mayor of St. Louis that expressed appreciation for the gift. The proclamation reads:

WHEREAS;
Washington University is one of St. Louis' most cherished and prestigious institutions;

WHEREAS;
the Mitsubishi Kasei Corporation of Tokyo, Japan, has announced today a generous gift to the University;

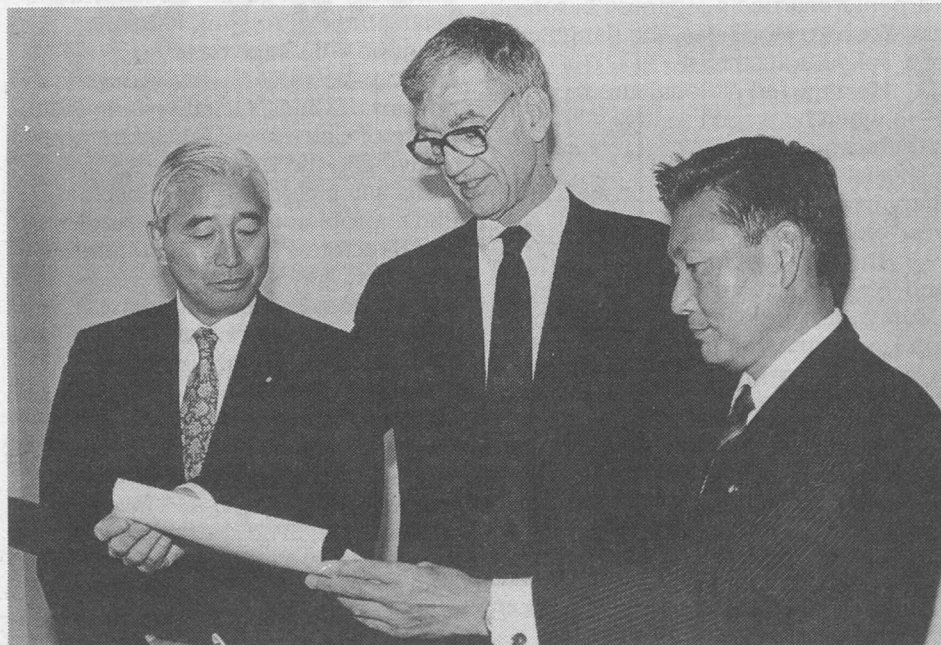
WHEREAS;
the City of St. Louis, Missouri, joins Washington University in

extending sincerest thanks and gratitude for this gift;

THEREFORE;

I, Vincent C. Schoemehl, Jr., mayor of the City of St. Louis, extend gratitude to Mr. Ono and Mr. Tanaka of Mitsubishi Kasei Corporation, and hereby declare today, December 6, 1988, "Mitsubishi Appreciation Day."

The check was presented at a meeting in Brookings Hall and included remarks by Edward S. Macias, Ph.D., provost; Martin H. Israel, Ph.D., dean, Faculty of Arts and Sciences; and Roy Curtiss III, Ph.D., George William and Irene Keochig Freiberg Professor of Biology. Also attending the meeting were Herbert F. Hitzeman Jr., senior vice chancellor for university relations; and David Blasingame, associate vice chancellor and director, alumni and development programs.



Chancellor William H. Danforth presents Sanae Ono (left) and Nobuyuki Tanaka with a proclamation from Mayor Vincent C. Schoemehl Jr. The proclamation expresses appreciation for the gift to Washington University from Mitsubishi Kasei Corp.

Marshall Scholarship for study in Britain goes to Philip Sabes

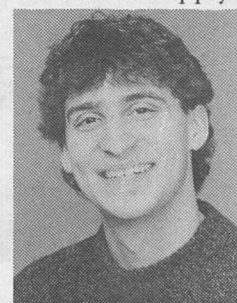
Philip N. Sabes, a double major in physics and French at Washington University, is one of 30 American students to win a Marshall Scholarship for all-expenses-paid study at a British university.

The Marshall Scholarships have been awarded annually since 1953 by the British government as a gesture of thanks for the aid the United States gave under the Marshall Plan.

These prestigious scholarships, which are tenable for two or three years, enable graduates of United States universities and colleges to study for degrees in Britain.

Sabes, who will graduate from Washington in May, plans to study theoretical physics and mathematics at Cambridge University.

Approximately 800 students apply for the 30 scholarships yearly. The awards are given to American students who have distinguished themselves by scholastic achievement and other activities, and who display potential to make significant contributions to society.



Philip N. Sabes

"I am just delighted that one of the two or three most prestigious international scholarship awards has come to Phil," said Linda B. Salamon, Ph.D., dean of the College of Arts and Sciences. "He is an example of the best kind of student Washington University can produce in the breadth of his interests and in his contributions to campus life."

The scholarships cover tuition, travel, books and a stipend. They currently are valued at \$20,000 a year. Sabes applied for the scholarship through the University's Study Abroad Program.

After his two years in England, Sabes will return to the United States and enter a doctoral program in physics. His career plans include teaching and conducting research at the college level.

Since his freshmen year at Washington, Sabes has been a member of the Society of Physics Students. He currently is president of the society, after serving as vice president last year. He is one of two student representa-

Continued on p. 4

United Way campaign sets all-time record

Washington University's 1988 United Way campaign has set an all-time record with gifts and pledges of \$204,489 received so far — an increase of more than 26 percent from last year's campaign total, according to Bob Franklin, Washington's campaign chairman and manager of accounts payable. The 1988 goal was \$176,000.

Franklin says Hilltop employees' response to the annual United Way appeal continues to grow substantially in several academic and service departments. At the same time, he says, new initiatives undertaken by the School of Medicine have resulted in pronounced increases in both participation and donations. Overall, he says, the number of Washington University contributions has risen 45 percent from last year.

"The encouraging success this year is due, in great measure, to the

Continued on p. 4



The Little Theatre of the Deaf will perform March 11 in Edison's new children's series.

ovations!

Edison offers children's series

Edison Theatre is sponsoring a new series for young people that will feature three of the best children's theatre groups currently touring the country. Called "ovations! for young people," the season includes special hour-long performances by the Peking Opera, The Tears of Joy Puppet Theatre and the Little Theatre of the Deaf. All events are Saturday matinees and begin at 2 p.m.

The Peking Opera will open the series on Saturday, Jan. 21. The company's presentation of traditional Chinese folklore includes colorful costumes and symbolic masks. A Chinese orchestra will accompany the 50 performers who act, sing, dance, tumble and juggle in a stylized drama. The production, part of the Peking Opera's first North American tour, is a special version of the show the company will present in evening

performances Jan. 20 and 21 at Edison Theatre.

The series continues with a performance on Feb. 18 by the Tears of Joy Puppet Theatre, which has been lauded as one of the nation's finest touring groups for children. Petrouchka the clown comes to life in a musical carnival atmosphere filled with music, masks and color.

The season closes March 11 with a performance by the Little Theatre of the Deaf, a young people's version of the Tony Award-winning National Theatre of the Deaf. The company's repertoire includes stories by James Thurber and Mark Twain presented by hearing and deaf actors in a style that has been called "poetry for the eye and heart."

Tickets are \$15 for the entire series; single tickets are \$7. For more information, call 889-6543.

David Carpenter memorial service set

A memorial service for David B. Carpenter, Ph.D., a former chairman of the Department of Sociology, will be held at 1:30 p.m. Sunday, Jan. 8, in Graham Chapel.

Carpenter, 73, died Nov. 24 at his home in Wilmette, Ill., after suffering a heart attack. A reception will follow the service at the Whittemore House from 2 to 4 p.m.

Carpenter earned both a bachelor's (1937) and a master's (1938) degree at Washington University. He also received a master's degree in 1944 from Columbia University in New York and a doctorate in sociology, cultural anthropology from the University of Washington, Seattle, in 1951.

A professor of sociology at Washington University from 1949-72, Carpenter was dean of the University's Graduate School of Arts and Sciences from 1965-67, and head of the sociology department from 1969-71.

Carpenter was administrator of the National Defense Education Act Graduate Fellowship Program, which awarded \$86.6 million for the 1968-69 support of doctoral-level training of 15,328 prospective college teachers at

199 U.S. graduate schools.

While serving as chief of statistics on Gen. Douglas MacArthur's staff, Carpenter married a Japanese baroness, Yoshiko Horikawa, the daughter of a Tokyo industrialist.

He attracted national attention in 1946 when he waged a successful 18-month campaign to obtain passage of a special act of Congress to permit entry into the United States of his 4-year-old twin stepdaughters.

The two daughters, Marie Morgan and Teresa Carp, grew up in St. Louis County and graduated from Washington University with high honors. Both won Woodrow Wilson fellowships and earned doctorates.

Carpenter developed an international reputation as a stamp collector. By the time he was 16, he had a flourishing business as an international stamp dealer. His stock in trade consisted of more than 1 million stamps with some 700 clients around the world.

In addition to his wife and daughters, he is survived by two sons, Gary B. Carpenter, M.D., and James B. Carpenter, M.D.; and six grandchildren.

'Colorful spectacle'

Peking Opera's first North American tour will include stop at Edison Theatre

The Peking Opera will bring its exotic blend of ancient Chinese folk tales, colorful costumes, symbolic masks and acrobatics to Edison Theatre at 8 p.m. Friday and Saturday, Jan. 20 and 21.

"This event exemplifies the kind of world-class international fare that Edison's "Ovations!" series stands for," says Henry I. Schvey, Ph.D., chairman of the Performing Arts Department. "It is part of our conscious effort to adapt the scale and quality of the program to the audience member who is not exclusively interested in the avant-garde."

It is the first North American tour for the company, which performs in a style that evolved at the Peking Court of the Qing Dynasty 200 years ago. Some 50 performers and a nine-member Chinese orchestra will appear in the production. The performers act, sing, dance, tumble and juggle in a stylized drama in which every color, pattern and nuance of movement reflect ancient Chinese traditions.

"It was a night of comedy, romance and eye-catching, colorful spectacle," writes an Australian reviewer in the newspaper *The Age*. "It had its audience cheering madly and demanding more."

Said one Australian theatre-goer: "It is quite an astonishing sight to see a very graceful singer deliver a romantically lilting aria and then do a handstand and a double backflip. I keep trying to imagine Luciano Pavarotti or Dame Joan Sutherland doing the same."

In the Peking style of opera, every

movement and gesture must be artistically satisfying. Dropping a handkerchief, striding across the stage or turning to raise a finger in scorn — each gesture must be practiced and executed perfectly. The training takes years, and performers devote their lives to perfecting their art. In some instances, as when a woman defends herself by deflecting 50 thrown spears with the back of her heel, this lifetime of training prevents what could be serious injuries to the performers.

The Peking Opera is a special subscriber event. Subscribers will have first choice of seats, and will receive substantial ticket discounts. Tickets for the general public are \$20; \$15 for seniors and Washington University faculty and staff; and \$10 for students. Prices for subscribers are \$16, \$12 and \$8.

The "ovations! for young people" series will include a special hour-long performance by the Peking Opera at 2 p.m. Saturday, Jan. 21, in Edison Theatre. Tickets for the children's series are \$15 for all three events, \$7 for single tickets.

A special benefit performance of the Peking Opera is being sponsored by the St. Louis Counts and the International Friendship Alliance of St. Louis County. The performance begins at 1:15 p.m. Sunday, Jan. 22. A Dim Sum Brunch will be offered prior to the benefit. Tickets for the brunch and the performance are \$50.

For more information, call the Edison Theatre box office at 889-6543.

Special events coincide with opera's visit

In conjunction with the Peking Opera's visit to Edison Theatre, several special events focusing on Chinese culture and history will be offered at Washington University and throughout the city.

In the first event, a panel of Washington University China specialists will assess the first decade of relations between the United States and the People's Republic of China. "The People's Republic of China and the United States: The First Ten Years, 1979-1989" will take place at 4 p.m. Wednesday, Jan. 18, in the Drama Studio, Room 208, in Mallinckrodt Center. The discussion is free and open to the public.

The discussion will be chaired by William C. Kirby, Ph.D., dean of University College and director of the Asian Studies Program. Particular attention will be given to economic relations between the two countries, reforms of China's legal system and the future of Chinese students currently studying in the United States. Participants will include Stanley Spector, Ph.D., professor of Chinese studies and director of International Studies; William C. Jones, J.S.D., professor of law; Frances Foster-Simons, J.S.D., associate professor of law; and William J. Haas, Ph.D., visiting assistant professor of history.

The following afternoon, the University will host a slide/lecture presentation titled "Two Perspectives on the Peking Opera: As Theatre and as Visual Art." The speakers will be Robert E. Hegel, Ph.D., chairman of the Department of Asian and Near Eastern Languages and Literatures and professor of Chinese; and Robert L. Thorp, Ph.D., chairman of the Department of Art History and Archaeology. The free lecture, which will present an

historical and cultural look at symbolism and story in the Peking Opera, will take place at 4 p.m. Thursday, Jan. 19, in Edison Theatre.

On Jan. 26, Madame Nien Cheng, author of *Life and Death in Shanghai*, will discuss her experiences as a survivor of the Cultural Revolution. The free lecture, co-sponsored by the Assembly Series and the Asian Student Association, will be held at 4 p.m. in Graham Chapel.

The Asian Student Association also will host a Chinese New Year Celebration on Saturday, Feb. 4, in the Gargoyle, Mallinckrodt Center. The celebration, which will feature a variety of Chinese food, is open to the public.

The University also is joining with the St. Louis Counts and a number of St. Louis organizations in celebrating Chinese Cultural Week Jan. 15-21. The week will include displays at the Saint Louis Art Museum, the Zoo and the Mercantile Library, as well as demonstrations by Chinese dancers, paper cutters and calligraphers.

For more information on Chinese Cultural Week, call 889-7670. For more information about the activities on the Washington University campus, call 889-6543.

Last Record issue until next year

The Record will not be published during the semester break. The next issue of the paper will be published Jan. 19. The Record staff wishes the University community a joyous holiday season and a happy and healthy new year!

NOTABLES

Iain Fraser, associate professor of architecture, and **Rod Henmi**, affiliate assistant professor of architecture, co-authored a paper, titled "Drawing Imagination: The Culture of Connections," which was presented at the West Regional Conference of the Association of Collegiate Schools of Architecture, held at California State Polytechnic University, Pomona.

Rebecca Haidt, a doctoral candidate in comparative literature and Spanish, organized and moderated a panel on "Beginning Translation" at the 11th annual conference of the American Literary Translators Association.

Greg Jorgensen, a student at the School of Dental Medicine, was awarded second place in the ADA/Dentsply Student Clinician Program at the 129th Annual Session of the American Dental Association, held recently in Washington, D.C. Jorgensen won in the clinical application and techniques category for his work in "Computerized Management of Prescriptions."

Robert J. Liddy Jr., assistant professor of behavioral science in the Department of Dental Education at the School of Dental Medicine, gave a presentation at the St. Joseph Health Center in St. Charles. The presentation topic was "Impaired Professionals."

Stamos Metzidakis, Ph.D., director of undergraduate studies in French, was invited to chair a special session on the 19th-century French poet Rimbaud at the 14th annual colloquium on 19th-century French studies, held recently at the University of Michigan, Ann Arbor.

Chakravarthi Narasimhan, Ph.D., associate professor of marketing, presented a paper, titled "Allocating Promotional Dollars," during a session he chaired on "Promotion Models" at the conference of the Operations Research Society of America/The Institute of Management Science, held recently in Denver, Colo. In other conference sessions, **Dean H. Kropp**, Ph.D., Dan Broida Professor of Operations and Manufacturing Management; **Timothy L. Smunt**, Ph.D., associate professor of operations and manufacturing management; and **Arnold H.**

Buss, Ph.D., assistant professor of management science, presented their paper, "Lot Splitting Performance Under Varying Flow Dominance Conditions"; **Pamela Pickard**, Ph.D., assistant professor of marketing, presented her paper "Optimal Estimation of Market Share Response: An Empirical Application of ACE"; **Stephen R. Lawrence**, Ph.D., assistant professor of operations and manufacturing management, read his paper "Net Present Value as a Production Scheduling Objective"; and **Seth W. Norton**, Ph.D., associate professor of marketing and business economics, presented a paper, titled "Information and Competitive Advantage in the U.S. Domestic Automobile Industry."

Marzban Patel, D.D.S., associate professor of restorative dentistry, delivered a presentation to the Mexican National Dental Congress in Acapulco, Mexico. Topics of his lectures included "Tissue Management in Fixed Prosthodontics," "Ceramo-Metal Restorations in Complete Mouth Rehabilitation and Color in Dental Ceramics," and "Restoration of Endodontically-Treated Teeth."

Thomas Schiff, D.M.D., associate professor and chairman of diagnostic services at the School of Dental Medicine, was awarded the 1988 Distinguished Service Award by the American Academy of Dental Radiology at its annual meeting in Washington, D.C.

Todd H. Wasserman, M.D., professor of radiology, recently attended the semiannual Cancer and Acute Leukemia Group B Meeting in Atlanta, where he participated in the lymphoma, radiation, and lung sub-committee.

Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been named to a committee or elected an officer of a professional organization? The Washington University Record will help spread the good news. Contributions regarding faculty and staff scholarly or professional activities are gladly accepted and encouraged. Send a brief note with your full name, highest-earned degree, current title and department along with a description of your noteworthy activity to Notables, Campus Box 1070, or by electronic mail to p72245SS at WUVMC. Please include a phone number.

Employment of the handicapped award

The Missouri Governor's Committee on Employment of the Handicapped awarded Washington University a certificate of special recognition for providing employment opportunities to the disabled.

The University and Christian Hospital Northeast, St. Louis University Medical Center and Steak 'N Shake Restaurants were the four major private sector St. Louis area employers to be honored by the governor's committee during a ceremony Dec. 2 at Meramec Community College.

Washington was nominated for the honor by the Life Skills Foundation for providing and encouraging work opportunity for people with disabilities. The foundation teaches mentally retarded adults and helps place them in jobs.

Presenting the awards, which also went to major public sector employers and small private and public employers, were Faith Kirk, employment adviser on the President's Committee on Employment of People With Disabilities, and Marcia Cline, president of the governor's committee, St. Louis Area Chapter.

Commenting about the honored employers Cline said, "While our acknowledgements may be appreciated, the major award most have

discovered is a source of reliable, motivated employees grateful for the chance to show what they can do."

RECORD

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Art illustrating life: J. Mark Molnar, a junior in the School of Fine Arts, won the 100 Neediest Cases art competition sponsored by the St. Louis Post Dispatch. His charcoal illustration, chosen from 85 entries by students at area colleges and universities, accompanied the first story announcing the Post-Dispatch and United Way holiday season campaign for the needy in St. Louis. Molnar, an illustration major, receives a \$250 gift certificate from Bader's Art and Drafting Materials for the best entry, which appeared on the cover of the Post-Dispatch Everyday section on Nov. 27. He has been invited to enter the illustration and four other pieces in the 32nd annual Salon International l'ALPA art exhibition, to be held this June in Lyon, France.

Gloria White receives highest honor from university personnel association

The highest honor that the College and University Personnel Association (CUPA) bestows on an individual was presented to Gloria W. White, vice chancellor for personnel and affirmative action officer. White, a former CUPA president, received the association's Donald E. Dickason Award during their annual awards banquet, held Oct. 23 at the St. Louis Marriott Pavilion Hotel.

The Dickason award, named after CUPA's founder, honors outstanding service to the organization over a sustained period of five or more years. The award has only been presented 10 times since its inception in 1970.

White, a member of CUPA since 1975, has held many leadership



Gloria W. White

positions with the association, including chair of the Faculty/Staff Relations Council from 1980-82, vice president of research and publications from 1982-85 and president of CUPA in 1986-87. She was an organizer and a participant in the 1986 CUPA Strategic Planning Retreat and was instrumental in the implementation of CUPA's strategic plan, considered one of the most significant events in the association's recent history.

In addition, White is the author of numerous publications, including the *Personnel Program Appraisal Workbook*. She has written a biography of human resource literature and a successful CUPA grant proposal for

corporate support, as well as many CUPA Journal articles and book reviews.

Past CUPA President Robert Schmidt said of White, "Her contributions to CUPA and the profession have been numerous and will continue to impact on the association for many years to come. Our recipient truly exemplifies the service, dedication and professionalism of the highest regard in CUPA."

CUPA has honored White in the past for exemplary service with the Achievement Award for Creativity in 1981 and the Distinguished Service Award in 1983.

Clarification

A recent article in the Washington University Record describing the first use of the diamond-anvil cell technique with nuclear magnetic resonance (NMR) inadvertently omitted the name of Kazimierz Luszczynski, Ph.D., professor of physics.

Luszczynski's interest in exploring the feasibility of NMR in a diamond-anvil cell began in 1984. Luszczynski was a co-author of the original article "NMR in a Diamond Anvil Cell," which appeared in the American Institute of Physics journal, Rev. Sci. Instrum. 58 (3) March 1987.

The diamond-anvil cell work carried out at Washington University was supported in part by a National Science Foundation Low Temperature Physics Program grant that was awarded jointly to Luszczynski and Richard E. Norberg, Ph.D., of the physics department.

The Record regrets this omission.

CALENDAR

Dec. 15-Jan. 21

LECTURES

Thursday, Dec. 15

1:30-3:30 p.m. Dept. of Romance Languages and Literatures: A Week With Sylvia Molloy. Molloy, novelist and critic from Yale U., will conduct a series of talks and discussions on autobiographical writing in Spanish America. Discussions also will be held Dec. 16 from 1:30-3:30 p.m. 109 Ridgley.

4 p.m. Annual Robert J. Terry Lecture, "The Ontogeny and Phylogeny of the Neocortex," Pasko Rakic, Yale U. School of Medicine. Moore Aud., 4580 Scott Ave.

4 p.m. Central Institute for the Deaf (CID) Seminar, "The Gravity Receptor System in the Marine Mollusc 'Aplysia Californica,'" Michael L. Wiederhold, Division of Otolaryngology at the U. of Texas Health Science Center. Clinics and Research Bldg. Aud., 909 S. Taylor Ave.

4:10 p.m. Dept. of Philosophy Colloquium, "Defeasible Reasons for Acting," Ron Loui, asst. prof. of computer science, adjunct asst. prof. of philosophy. Hurst Lounge, Duncker Hall.

8 p.m. Dept. of Romance Languages and Literatures Lecture, "At Face Value: Autobiographical Writings in Spanish America," Sylvia Molloy, novelist and critic, Yale. Hurst Lounge, Duncker Hall.

Friday, Dec. 16

Noon. Dept. of Cell Biology and Physiology Seminar, "Coordinate Expression of Insulin-like Growth Factors and Their Receptors During Skeletal Muscle Differentiation," Peter S. Rotwein, WU assoc. prof. of medicine. Cell Biology Library, Room 4914, South Bldg., 4577 McKinley.

2 p.m. Oral Examination for the Doctorate for Larry Gene Smithee, Dept. of Music. The dissertation title: "The Effects of Two Methods of Teaching Basic Music Concepts Utilizing Twentieth-Century Music: a Creative Composition and Performance Approach, and a Traditional Guided Listening Approach." 101 Blewett.

Friday, Jan. 6

6 and 8:30 p.m. WU Film Travel Lecture Series, "Arizona — Land of Enchantment," by internationally known photojournalist Dick Massey. Graham Chapel. For more information, call 889-5122.

Sunday, Jan. 15

3 p.m. School of Fine Arts Lecture, "Coming of Age: Feminist Art and Criticism Now," Sandra Langer, art historian. Steinberg Hall Aud.

Wednesday, Jan. 18

11 a.m. Assembly Series Lecture, "Exiles," William Gass, WU prof. of philosophy. Graham Chapel.

4 p.m. Panel Discussion, in conjunction with the Peking Opera's performance here, "The People's Republic of China and the United States: The First Ten Years, 1979-1989," chaired by William Kirby, director of Asian Studies Program. Drama Studio, Room 208, Mallinckrodt Center.

Thursday, Jan. 19

4 p.m. Slide/Lecture Presentation, in conjunction with the Peking Opera's performance here, "Two Perspectives on the Peking Opera: As Theatre and as Visual Art." The speakers will be Robert Hegel, chairman of Asian and Near Eastern languages and literatures, and Robert Thorp, chairman of art history and archaeology. Edison Theatre.

MUSIC

Tuesday, Jan. 17

4-5 p.m. Auditions for WU Wind Ensemble. Tietjens Rehearsal Hall. To schedule an audition, call 889-5581.

5-6 p.m. Auditions for WU Symphony Orchestra. Tietjens Rehearsal Hall. To schedule an audition, call 889-5581.

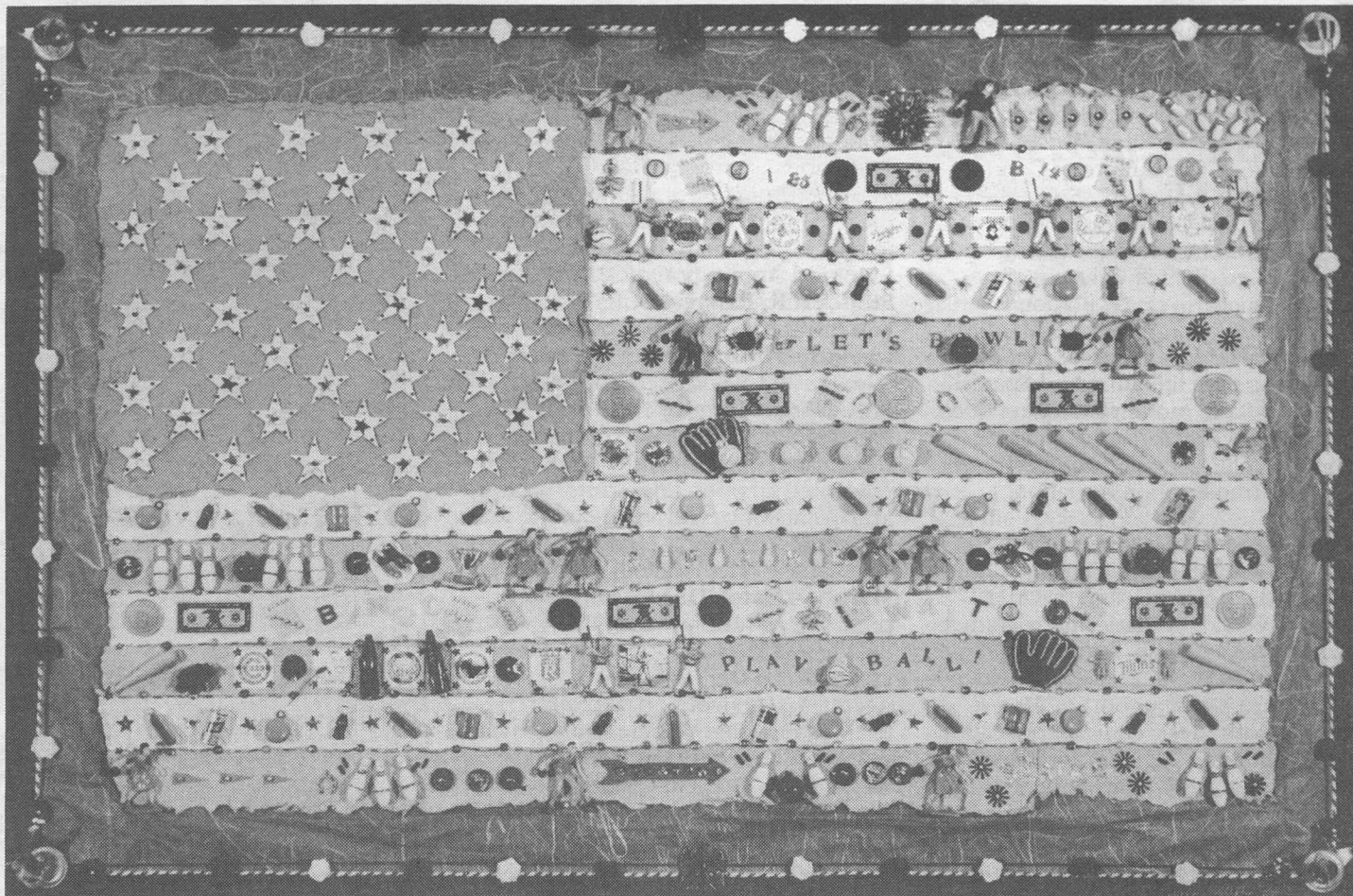
PERFORMANCES

Friday, Jan. 20

8 p.m. Edison Theatre Presents the Peking Opera. Edison Theatre. Also Saturday, Jan. 21, same time. Tickets: general public \$20; \$15 for seniors, and WU faculty and staff; and \$10 for students. Subscribers: \$16, \$12 and \$8. For more info., call 889-6543.

Saturday, Jan. 21

2 p.m. Edison Theatre Presents "ovations! for young people," featuring an hour-long performance by the Peking Opera. Edison Theatre. Tickets are \$15 for the "ovations" series; single tickets, \$7. For ticket info., call 889-6543.



"The 4 B's of America — Bingo & Baseball & Beer & Bowling" (29" x 40.5"), a handmade paper/mixed media collage by Linda Solovic, will be on display in Bixby Gallery as part of a sixth annual juried exhibition featuring the artwork of women in the St. Louis area. "St. Louis Contemporary Women Artists" opens Dec. 18 with a reception from 3 to 5 p.m.

St. Louis women artists display work Bixby

Bixby Gallery in Bixby Hall will feature the work of contemporary women artists in a juried show co-sponsored by the School of Fine Arts and the St. Louis Women's Caucus for Art.

"St. Louis Contemporary Women Artists" is the sixth annual juried exhibition to feature the artwork of women in the St. Louis area. The show opens Dec. 18 with a reception from 3 to 5 p.m. and will run through Jan. 20.

"The exhibition is very important for our students and the community because it illustrates the perspectives of women artists in the region," says

Libby Reuter, assistant dean, School of Fine Arts.

Fifty-two artists will exhibit a variety of work in the show, including photography, watercolor, paper collage, pastel drawing and sculpture. The artists were selected by juror Margaret Lazzari, assistant professor, School of Fine Arts, University of California/Los Angeles.

Fifteen of the artists will be recognized with merit awards. The award recipients were selected by juror Sylvia Greenfield, professor, School of Art and Design, Southern

Illinois University at Carbondale.

In conjunction with the show, Cassandra L. Langer will deliver a lecture titled "Coming of Age: Feminist Art and Criticism Now" at 3 p.m. Sunday, Jan. 15, in Steinberg Hall auditorium. Langer, an art historian, is co-editor of the recently published book *Feminist Art Criticism: An Anthology*.

The exhibit will be open from noon to 5 p.m. Wednesday through Sunday. The gallery will be closed Dec. 23-25 and Dec. 30-Jan. 1. For more information, call 889-4643.

EXHIBITIONS

"Video: Form and Performance." Through Dec. 17. Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m. weekdays. 1-5 p.m. weekends.

"Eugene O'Neill: A Centenary Celebration," an exhibit drawn from the private collection of Harley J. Hammerman. Through Dec. 30. Olin Library Special Collections. 8:30 a.m.-5 p.m. weekdays.

"Faculty Show," works by WU faculty. Through Jan. 8. Gallery of Art, Steinberg Hall, upper gallery. 10 a.m.-5 p.m. weekdays. 1-5 p.m. weekends.

"St. Louis Contemporary Women Artists." Dec. 18-Jan. 20. Sponsored by School of Fine Arts and St. Louis Women's Caucus for Art. Bixby Gallery, Bixby Hall. Call 889-4643 for gallery hours for this exhibit. Opening reception 3-5 p.m. Dec. 18 at Bixby Gallery.

FILMS

Thursday, Dec. 15

7 and 9 p.m. WU Filmboard Series, "Being Two Isn't Easy." \$2. Brown Hall.

Friday, Dec. 16

7 and 9:30 p.m. WU Filmboard Series, "Lethal Weapon." \$2. Brown Hall. (Also Sat., Dec. 17, same times, and Sun., Dec. 18, at 7 p.m., Brown.)

Midnight. WU Filmboard Series, "Commando." \$2. Brown Hall. (Also Sat., Dec. 17, same time, and Sun., Feb. 18, at 9:30 p.m.,)

Monday, Jan. 16

7 and 9 p.m. WU Filmboard Series, "Holiday." \$2. Brown Hall. (Also Tues., Jan. 17, same times, Brown.)

Wednesday, Jan. 18

7 and 9 p.m. WU Filmboard Series, "Rules of the Game," a foreign film. \$2. Brown Hall. (Also Thurs., Jan. 19, same times, Brown.)

Friday, Jan. 20

7 and 9:30 p.m. WU Filmboard Series, "Big." \$2. Brown Hall. (Also Sat., Jan. 21, same times)

Midnight. WU Filmboard Series, "Blues Brothers." \$2. Brown Hall. (Also Sat., Jan. 21, same times, Brown.)

Sabes — continued from p. 1

tives to the Board of Trustees' Educational Policy Committee.

In his junior year, Sabes received the first Varney Prize as the best student in introductory physics. He has worked in the physics department's cosmic ray research group and now is working with the materials physics research group under the direction of Kenneth F. Kelton, Ph.D., associate professor of physics.

Last year Sabes discovered that a quasicrystal phase exists in titanium-manganese alloy. He co-authored a paper about this discovery that appeared in the *Physical Review*.

Sabes was elected to Phi Beta Kappa last year. He is a member of Sigma Phi Epsilon.

A National Merit Scholar, Sabes was valedictorian at Buffalo Grove High School in Illinois.

Former Marshall scholarship winners include Bruce Babbitt, former governor of Arizona who was a presidential candidate this year; Anthony Quainton, U.S. ambassador to Kuwait; Ray Dolby, inventor of the Dolby Sound systems; and Tom Friedman, Jerusalem bureau chief for The New York Times and Pulitzer Prize winner for international reporting in 1983.

Calendar Deadline

The deadline to submit items for Jan. 19-28 calendar of the Washington University Record is Jan. 5. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event; also include your name and telephone number. Send items to King McElroy, calendar editor, Box 1070, or by electronic mail to p72245KM at WUVMC.

United Way —

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cooperative efforts of more than 175 persons throughout the University who served as solicitors and helped to organize the campaign," says Franklin. "They did a remarkable job and deserve recognition for the level of their commitment and for the results that were achieved.

"I think everyone is becoming more fully aware of the many possibilities the United Way offers our community and what a positive, worthy project it really is."

United Way contributions support 126 St. Louis area health and human service organizations that provide programs and services ranging from family counseling, to youth development, to emergency shelter, to employment training. The University's Campus Y and Central Institute for the Deaf receives United Way funding.

The United Way of Greater St. Louis surpassed its goal of \$43,100,000 by raising \$43,671,527, a 9 percent increase from last year.